

55505 to 55508—Continued.**55507. RUBUS sp.**

"*Perfection*. Very stout bright-crimson canes and large bright-red fruits of excellent flavor. A vigorous grower, thriving on light soils." (*George Bunyard's Catalogue*.)

55508. RUBUS sp.

"*The Guinea*. A new yellow variety of great excellence." (*Charles Turner's Catalogue*.)

For previous introduction, see S. P. I. No. 41976.

55509. PERSEA AMERICANA Mill. Lauraceæ.**Avocado.**

(*P. gratissima* Gaertn. f.)

Seedling now growing at the Plant Introduction Garden, Miami, Fla.

"*Collinson*. This is a seedling of the Collins Guatemalan avocado (S. P. I. No. 19080); it was planted at the new garden in 1915, endured well the frost of February, 1917, when the temperature went to 26° F., before a good crop of fruit in 1920 and 1921, and at this date (March 7, 1922) still has fruit on the tree. The tree is upright in habit, with large leaves which do not burn in the summer. This year the fruits are of better quality than before, the average weight being about 1½ pounds; color, green; seed, tight in the cavity; flavor, good." (*Edward Simmonds*.)

55510 to 55515. SOLANUM TUBEROSUM L. Solanaceæ. Potato.

From Sydney, New South Wales. Tubers presented by George Valder, undersecretary and director, New South Wales Department of Agriculture, through W. D. Kerle, Inspector of Agriculture. Received June 17, 1922.

These are old varieties of American origin which are being cultivated in New South Wales. They have been reintroduced from New South Wales for special studies by potato experts. William Stuart, of the Bureau of Plant Industry, has furnished the descriptive notes from old American catalogues.

55510. *Adirondack*. This variety is a hybrid with *White Peachblow*. It is distinguished from the latter in its upright habit and larger bright-green leaves. The red-skinned, almost perfectly spherical tubers are much clustered; the flesh is pure white. (Adapted from *Potato Catalogue of B. K. Bliss & Sons, 1881, p. 5*.)

55511. *Brownell's Beauty*. The foliage is deep green and very healthy; the tubers grow compactly in the hill and are easily dug, ripening in about three months from the time of planting. The tubers are medium to large, oval or somewhat flattened with the eyes few and nearly even with the surface; the skin is reddish or deep-flesh color; the flesh is white, fine-grained, and very delicate. For the table, when baked or boiled, they are equal to the best. (Adapted from *Potato Catalogue of R. K. Bliss & Sons, 1874, p. 4*.)

55512. "*Carmen No. 1*." (Synonym *Rural New York No. 1*.) This is a seedling from seedlings raised through several generations. It belongs to the Green Mountain group. The vines are large, strong, healthy, and well branched. The flowers are white and abundant, but rarely producing seeds. The abundant tubers are large, broadly roundish, with rather shallow eyes, creamy white skin, and white flesh of very fine quality." (*Stuart*.)

55513. *Manhattan*.

55514. *Manhattan Black*. This is a main-crop variety and may be called "Improved Compton's Surprise." The vines are vigorous, with dark-green foliage; the tubers are nearly round, with dark-purple skin and very solid white flesh of fine grain; in size medium to large. (Adapted from *Potato Catalogue of B. K. Bliss & Sons, 1880, p. 18*.)